



# FLORIDA SKIP

VOL. 10 NO. 5

The All Florida Radio Amateur's Publication

OCTOBER 1966

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## Hammy Hams In Hammier Days

By Leo R. Scagliozzi, W4VLN

Because the theatre is older than radio and because the term "ham" originated with the older medium to obviously describe performance or performances somewhat overdone and lacking in sincerity, it is puzzling to me how and when this derogatory term was first applied to amateur radio operators. True, the early amateurs (roaring spark era) followed their hobby rather fanatically; sometimes sitting up all night to establish contact with a station several hundred miles distant. But there the similarity ends.

In my three and one-half decades of the dot-dash hobby I have come across some pure and unadulterated cases of hammed-up (I mean the stage-type) performances on amateur frequencies that would put to shame a grade "C" movie made 30

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"Country Cousins" at a get together in the Ocala National Forest included, l to r: W4CSU Ward Ireland, Cocoa, Fla.; Rose, XYL of W4YPL; WA4SJH Red Reppond, Leisure City, Fla.; W4YPL Ray Hadaway, St. Petersburg, Fla. (holding baby); WA4ONZ Jim Tew, Deland, Fla.; WA4JBS Kathy Murray, Miami, Fla. (holding baby); WA4BMG John Furlow, Winter Park, Fla.; Jean XYL of WA4JSU; WA4PBJ Dorsey Gaston, Rockhill, S.C.; WA4JSU Doc Harris, Griffin, Ga.; XYL of WA4PBJ; WA4ONY Tim Tew, Deland, Fla.; WB4CBP Ted Wayne, Miami, Fla. and Harmonics!

## FINAL REMINDER

This is your final reminder for the upcoming 1966 SET (Simulated Emergency Test) October 8th and 9th.

All Florida ECs (Emergency Coordinators) have received their special instructions from ARRL long ago and should have their local plans made by this time.

We strongly urge all Florida amateurs contact their local EC for information. Make yourself known unto him and become a part of the ever growing ARPSC.

(Amateur Radio Public Service Corps.)

All ARPSC members are reminded to get off your message to his SEC via any of the Florida nets or following the instructions of your EC, if you have one. (See list of nets on page 8).

All EC's are requested to promptly submit their SET reports to ARRL with a copy to the SEC. Let's keep Florida high on the national standings. Don't forget Oct. 8th and 9th.

## Happy Birthday MARS

MARS will celebrate its 18th birthday November 26, 1966. Much has been accomplished since it was named MILITARY AMATEUR RADIO SYSTEM in 1948.

Radio Amateur affiliations with the Army were first placed in operation in August 1925 when ARMY AMATEUR RADIO SYSTEM, AARS WAS ESTABLISHED, through the efforts of Hiram Percy Maxim 1AW President of the ARRL, F. Edward Handy 1BDI-1XAH Communications Manager ARRL, and Captain Tom Rives 2CXL Signal School, U.S. Army Camp Vail N.J. (now Fort Monmouth).

In September 1952 MILITARY AMATEUR RADIO SYSTEM was changed to MILITARY AFFILIATE RADIO SYSTEM and remains unchanged at this writing. Membership for AARS us-

(Continued on Page 13)

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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Rte. 1, Box 243, Odessa, Fla.  
33556

Tampa, TARC, Dan Fisher,  
W4CJG, 4622 Beach Park Dr.,  
Tampa, Fla. 33609.

## GUEST EDITORIAL

# Where Are We Headed?

## IN THREE PARTS

My story starts over 50 years ago. We were headed for a World War, just as we probably are again today. What was Amateur Radio like? You would never recognize it from today's standards. If it was so good, why were not more people interested then? Why has it taken over 50 years for this Ham Radio explosion?

To understand all these questions completely we must understand what Amateur Radio had to offer, and what the people had to contribute. In the first place, all equipment was home-made. This separated the men from the boys, at least until 1915. Secondly, everyone used the telegraph code, since there was no 'modulation', at least until 1920. Thirdly, the frequencies used was constantly on the move. In the very early days 100 kc (3000 meters) was not uncommon. Slowly we dropped down to 200 kc (1500 meters). The first Super-Hetrodyne receivers with practical tuned IF stages, with recognizable gain, used a IF frequency of 175 kc. By this time Broadcasting was started (1921) with practically all BC stations on or near 360 Meters, some shifting to 425 meters to avoid conflicting interference. By 1918 most hams had dropped to below 360 meters. By 1919 (Aug.) all hams were operating below 200 meters (1500 kc) except specially licensed hams with "Z" calls who were allowed to operate around 375 meters for "Trunk Line traffic across the USA." Then there was a special "X" license which was for experimental purposes but were gobbled up by "commercial boys" who exploited them for experimental broadcasting. I recall only a mere handful of X-boys who were truly hams, one of these in Florida was 4XE.

From the limitations and complications, how do you think you would fare in Ham Radio in the 'good ole days'? We had only two classes of Hams. It

was an insult to be called a "Lid" and most got out of that class in a hurry. Good hams were called "Dyed-in-the-wool" hams and they took great pride in every thing they did, were polite on the air, could be trusted, and a gentleman in every respect. The reputation of Ham Radio has surely been built by these boys, as did they build Ham Radio. When I say "BUILD" I meant literally that because they dug in and built their own equipment. Today much of the store bought ham equipment was designed and engineered by these boys.

Today it is so easy to take advantage of the soft life. We rush down to the store and put up a down payment on a new rig and with the aid of an antenna crew can be on the air that evening. And remember it has to be the very latest Single Side Band with as many antenna elements facing the breeze as is possible! And don't forget 2000 watts P.E.P.

## SIDE REMARKS

From our SKIP readers... My subscription expires with May issue, I think, W4AID... Always look forward to the news. Charles Hermes... Fine publication, enjoy Hambars, W-N4ZFT... Can't miss an issue of the best radio mag published. Pete, K4RKY... Keep up good work, K4KMP and W4HFR... I don't like the QRM on the low bands, so I am up on high bands working on a 1296 mc rig, W4-4IZD... Thanks for printing the VHF picnic story. The Polk County Club will carry the ball for the next ten years. 73 Art K4GOX, Bartow... Ed Pike W-A1AFP/4 is now in Guam. Regards to Florida gang. Mary Pike, San Francisco... Keep up the good work. Enjoy every issue, except when Bill Wells K4RDP makes nasty comments about a guy in Martini Heights (me). Hi... Herb K4AZ, Keystone Heights...

## SILENT KEYS

We are sorry to report the passing of the following Florida amateurs:

Russell C. Stone W4FRZ,  
Ft. Lauderdale, Florida

Eugene Pendleton W4AUV,  
Tampa, Florida

Vero Beach, Dennis Yantz W4YFY  
P. O. Box 44, Vero Beach, Fla.  
32960.

W. FLORIDA NEWS, Frank Butler,  
Jr., W4RKH, 404 E. Elliot Rd.,  
Ft. Walton Beach.

West Palm ARC, Roy Carter, -  
W4SFF, 2320 Fairway Dr., West  
Palm Beach 33401.



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# Der Pippensqueaker

By Geo Thurston W4MLE

(PART II)

## KEYING

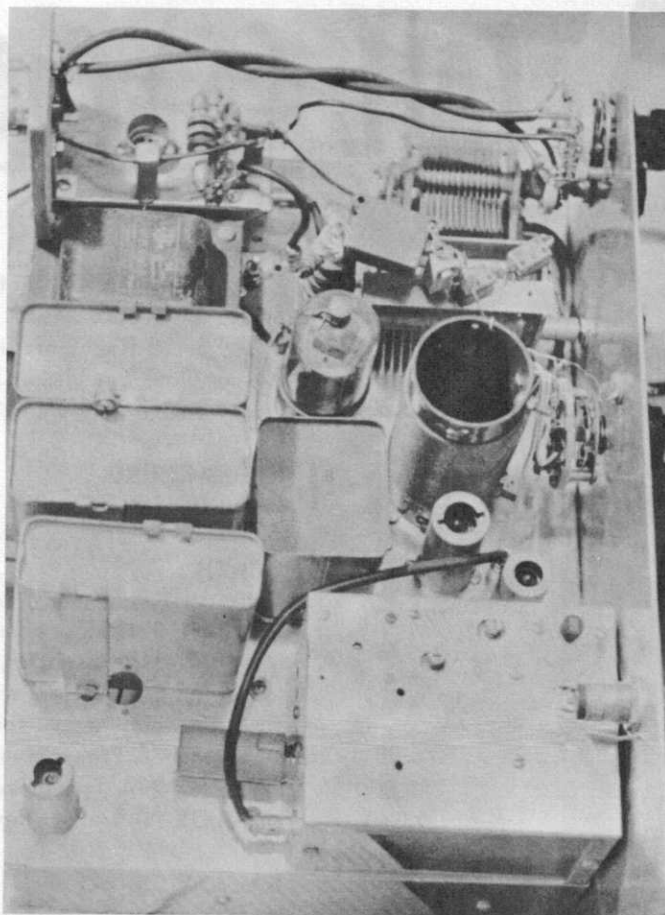
Time sequence keying is used, with a circuit "stolen" from the Heath Apache. When the key is up, approximately 100 volts of bias are applied to the grid circuits of both the v.f.o. and the driver through R-1. The capacitors C-1 and C-2 are fully charged and both tubes are cut-off completely, the bias being applied to v.f.o. (V-1) through the NE-2 which, when fired, acts like a very low resistance.

When the key is closed, C-1 begins discharging to ground through R-2. Simultaneously, C-2 begins discharging to ground through R-4. Since C-1/R-2 has a shorter time constant, it will permit the v.f.o. to come on before the driver tube begins to amplify. Thus any click or chirp on the "make" of the character does not get on the air.

When the key is opened again, C-1 and C-2 begin to re-charge through their respective resistors, and again, C-1/R-2 has a shorter time constant. However, the NE-2 extinguished when the key closed, and now the potential across C-1 must reach its firing voltage (about 50 v.) before it will conduct and apply the cut-off bias voltage to the grid of V-1. By this time, the voltage across C-2 has risen high enough to cut off the driver stage. Again, any click or chirp on the "break" of the signal is kept off the air by a non-conductive amplifier.

The function switch (SW-3) places the transmitter in "stand-by" by disconnecting the key line from the key jack in position one. Position two (Operate) connects the key line to the jack. Position three (Spot) grounds the v.f.o. grid return to turn it on and disables the key line by removing it from the jack.

The diode in series with the key jack permits the biased line to "see" ground through the key but permits the same key to operate another (or several other) circuits by preventing them from "seeing" each other through back-to-back diodes. This permits this rig to be keyed simultaneously with the main station transmitter for two-band operation as needed.



Top of the chassis. The VFO is at the left in the mini-box enclosure. The coax link couples its output to the isolation amp located beside the VFO near the panel. The Driver tube is next to the plate coil and the 807-W is the glass tube without shield near the coil. The switch near the coil is the ant. coupling switch.

The VR tube is at the back left-hand corner of the chassis. The TR switch tube has been removed from its socket in the mini-box in the back right-hand corner next to the transformer. The three cans at the back edge of the chassis are filter capacitors and the smaller can near the coil is a filament transformer "turned backwards" to supply bias. The capacity near the coil is for plate tuning and the ant. loading capacitor is located to its right. Twisted coax goes from the coax fittings on a masonite insulating panel at the back to the antenna transfer switch. The RF choke located on the TR switch box is for the RF-voltmeter.

## FINAL AMPLIFIER

The final is a 807-W operated with fixed bias adjusted with a voltage divider so that static plate current just falls to zero with the key up. Screen voltage is obtained from the same divider network which furnishes screen voltage to the driver.

A 47-ohm resistor in series with the control grid right at the tube socket helps to suppress any tendency toward v.-h.f. parasitic operation. Similarly, a three-turn coil wound on a two-watt 47-ohm resistor is mounted in the plate lead right at the plate cap for the same purpose. Since on major source of instability in 807s seems to be the length of the screen lead inside the tube, some decoupling was provided through the use of a 1000 ohm resistor in the external screen lead, mounted directly across the tube socket.

## OUTPUT NETWORK

The output tuning network is fairly conventional although it is seldom seen in contemporary transmitters. This design was chosen because it would be necessary to voltage-feed random-length antennas with this rig. The series capacitor can be used to tune out excessive inductance reflected into the network by an electrically long antenna and the extra coil can be used to supply additional inductance, if necessary, to an electrically short antenna.

The tap for the tuning capacitors was determined first with a grid dip oscillator and later checked out by applying power. The coil was taken from an old l.f. surplus rig and was wound with d.c.c. #20 wire on a form five inches long and two inches in diameter. Standard coil stock could easily have been used. The switch is ceramic. The antenna loading capacitor is mounted on ceramic pillars and connected to the knob through an insulated shaft coupler to avoid hand capacity and accidental r.f. burns and arcs from shaft to panel.

Next month we will go over the power supply, metering and perhaps tune-up if space permits. -- Again QRX.

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## ARMY MARS

By AD4VWY (Will)

Our prayers have been heard. AA4RRC, Leo's XYL recovered sufficiently to come home from the hospital, which made Leo, and us too, very happy.

AA4AZ, Herb Nelson, of Keystone Heights breezed by one day lately, looked over the shack (and XYL), contacted AD4ESL, June, on c.w. to have the coffee pot on when he got there, and then buzzed down the Atlantic coast to attend to some business.

A4WDX, "Shipwreck" Bill has been checking into C.W. nets recently. Some of us didn't know the ole gent could still tickle the bug.

A4GJT, Gail (the male) recently climbed a 40-foot pine tree on his 63rd birthday to put up a 40-meter antenna. While up there he was 40 feet nearer "his calling." You remember we said last month he was the Rev. Gail Norris!

In agreeing to write this column this writer hopes he didn't bite off more than he could chew - which brings to mind the chap whose new store teeth bothered him as he sat down at a banquet to consume a steak, whereupon the fellow next to him offered him a set of teeth he had in his pocket and asked him to try them out. "They still hurt?" he replied. "Well try these" and he was handed another set. "They are better, but they still hurt a little." "I have just one more set. Try these." "Oh, these are fine," and he began to enjoy his steak. Suddenly he asked: "By the way, are you a dentist?" Said the sidekick: "No. An undertaker!"

We just picked up an armful of spare tubes in the shack of the Ole Man onna Mountain, whose biography we hope to have in the next issue. If it proves interesting, and we know of no reason why it wouldn't, we hope to run others too.

We understand the boss-man has quite an array of lightning

(QSY PAGE 16)



After being inactive for many years, Regis Kramer W4ILE of Miami came back strong with the above station. Reg is very active on our Florida ARPSC nets and works DX, as well. He is a radio and teletype supervisor at the Miami ARINC station and co-worker with Ye Ed. Welcome back RK.

## Your QSL Bureau

By AL Hamel K4SJH, Vice Dir. SEDIV

Recently at the request of the Director and ARRL Hq. I visited the QSL Bureau at Chattanooga, Tenn., or rather, I attempted to. The address that was available showed only the club call and a Post Office box number which is of little help in locating an actual working office. By virtue of small bits of information picked up at the North Alabama Hamfest at Decatur, Alabama and by a lucky contact with a very nice XYL in Chattanooga I was able to make telephone contact with the present temporary manager of the bureau. By the time you read this the permanent manager should be in control.

Together with information obtained over the telephone and a detailed follow-up report by mail I collected enough information to convince me that the work at the bureau is proceeding at the best possible rate and that cards are being mailed out regularly.

You ask why you haven't received any lately? Here are some reasons. Did you know that the W4QSL Bureau bears the heaviest burden of any bureau in these United States? Did you know that the load from Florida alone exceeds that of the rest of the Division? Did you know that there are so many cards received that it takes weeks to go through the alphabet once?

There are many problems existing in the operation of this bureau but rest assured that many people are striving mightily to overcome them - and expect to eventually do so. Meanwhile we ask you to be patient. Things will get better. Please remember that this job is purely voluntary and that, at least in this case, it is a very rough deal.

The Bureau has been invited and will be invited again to submit to Hq. an article on operation of the bureau complete with statistics and all that the DXer would like to know. Florida Skip will also attempt to obtain a regular QSL Bureau column to keep those interested informed at all times. This should alleviate bad feelings due to lack of information by creating a better understanding of the problems involved.

## QFN REPORT



BY  
BOB  
BLUMBERG  
WA4OHO

Remember that the QFN slow speed session will continue the same schedule through October, meeting on Monday, Wednesday, and Friday evenings at 1930 EST on 3651.

W4LUV has the following net assignments unfilled: 4RN on Friday and Sunday; RN5 on Monday, Wednesday and Friday. Any takers? ARL 7 W4LUV.

West Florida check-ins have been falling off, especially from Panama City and Tallahassee, as well as from Jacksonville. QNI from other cities has been holding up fairly well over the summer months.

Kudos to WB4AJV for being RN5 hero. Thanks for helping out the net, Carlo.

QFN extends a warm welcome to newcomer WA4YIH, Don from West Palm Beach. Welcome aboard! Also hope to hear WB4CAP again soon.

As a result of fairs in other parts of the United States, much fair traffic is coming into Florida. Because of this we need all QFN regulars and everyone interested in handling traffic to check into QFN daily on 3651kc at 2330 and 3000 Z. CU there.

The slow speed QFN is doing nicely according to W4LUV, manager. W4ILE, WA4SCK and LUV are NCS's on Monday, Wednesday and Friday at 7:30 p.m. on 3651c. This is YOUR CHANCE to learn how to operate in a c.w. traffic net.

Among the new stations are WA4SHS, WA4YFY, K4SIF and WA4TXV. We hope to see more new stations at the next session from all parts of the state.



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# CLUB NEWS

## NOMARC

By Mel, WA4NHT

Results of the Dade County Amateur Radio week are still coming in to NOMARC clubhouse. At the present time it looks like we will be mailing out about a thousand certificates. We had hopes of sending out five thousand but maybe that day will come in the future. This week will be celebrated annually and big things can develop if all the amateurs in the county participate, but we will comment on all of this at a future date. Closing date for QSL cards is September 21. Certificates should be in the mail on or about the first week in October.

Movies last month included film on Laser beams, Transistors, Wave forms and Telestar. The one on Telestar was really good and we will have it once again. A lecture and live demonstration on Laser beams is lined up for the near future by an engineer of A.T. & T. Remember everyone is invited to movies and lectures and welcome at all times.

The class for would be hams, to get their Novice tickets is going along great. Got about 14 students now and Glynn, WA4LHK and Brian, WA4VZW the instructors, say that it looks like all 14 will be getting tickets. This class will progress to General Theory and code after all students are ready for it. If you know of anyone desiring to get a ham ticket let him or her know about the class. Of course there is no charge.

We signed up 11 new members last month and we wish all the new members welcome to the club. Almost forgot to mention the fine demonstration of K4UGC, Fred gave on uhf transmitters. He made a "Plumbers delight" for 1200 mc. Believe it or not it was. Not one solder connection but made out of copper tubes, plates and I think the kitchen sink. It's a great pleasure to have Fred as a member. Sorry to say that Gary, WA4PDM has left the Miami area. He and Phyllis are now residents of Denton, Texas where Gary is professor at a Texas college. The entire membership wish them the best of luck and we sure will miss them.

Some of the members that have come in from college for the summer vacations have gone back at this writing. Good luck fellows.

## B.A.R.C.

By Jim Wilson, W4GDK

Clubs depend on the services of dedicated members who give freely of themselves and their time. Just such a person was Russ Stone W4FRZ who passed away on August 27 after a very serious illness. His frequent membership on the Executive Committee reflects his active service on Field Day, the auction, club programs and other projects. Russ and his friendly smile are going to be missed by all of us.

With the September meeting to be "Old Timers Night" some of the old

timers are planning to bring in some old stuff to show what they "made do." This should be good.

They got the RTTY working at Broward C.D. headquarters station W4AB, called CQ and worked the Channel Islands. We wonder if that was the wrong channel...

In our Club's 6 meter Fox Hunt on August 14, the two Smith brothers - Doug and Howard - found the Fox first but the team of Denny Wolfer and John Brott ran up the least mileage finding it.

In discussing projects of various clubs, Al Hamel, SCM, and one of our club directors, mentioned the 4th District QSL Bureau run by the Chattanooga Club. He said that after a recent DX contest they were snowed under with 80,000 cards for this district alone! WOW.

Our regular meetings are held at 8 PM on the second Wednesday of each month at the Broward County Medical Association building, 2200 So. Andrews Ave., Ft. Lauderdale. All hams of Broward County are cordially invited to attend.

## WEST PALM BEACH

BY JOHN BENAMIN

There isn't much news this month from West Palm Beach. Things are a little slow.

Roy Carter must return for another year of teaching. Roy, WA4SFF, teaches band at Howell Watkins Junior High. Speaking about school, we lost another club member who attended for about 7 or 8 months. Win Hall, WA4KKW returned to college up at TALLAHASSEE.

With all this bad news we do have some good material to pass along to the readers. John Szymanski took his Tech test and passed and is now sitting on pins and needles awaiting his call. Good luck and congratulations! John also reworked the anemometer and windvane and it's working beautifully. A massive cleanup operation has begun at the club with Jim Hughes, W4EXO mostly in charge. The place actually looks decent again! Come on up and see it for yourself any Monday or Friday night. We're located at 823 Newark St. in West Palm Beach. Bertha and Slim Eggert Sr. (my mom and dad) WA4BMC and WA4AZZ, have put up their 32 element collinear again after having used a little 11 element jobby. They said signals are much improved!

Did you know that Lafayette Electronics moved from Lake Worth to West Palm?

Well, that's it from this neck of the woods. Have a good October and I'll see you next month.

## FLORIDORA NEWS

By W4BAV - Cathy Soehl

The Floridoras are back on schedule, having held their first on-the-air business meeting, of the season, Tuesday, Sept. 6th, 0800 EST, 3933 KC. The regular weekly net, Tues-

days at 0900 EST was continued through the Summer, but business meetings discontinued for July and August. Pres. WA4FJF - Ellen was on hand to conduct the proceedings and was welcomed back from her two month vacation.

K4TBG - Kay, Floridora Treas., was also on vacation and reports they have purchased a place in Franklin, N.C., so will be working 6-meters from up there next Summer.

K4WXS - Lee had minor eye surgery recently and we are glad to report she is doing O.K.

W4JCR-Nita advises she will be leaving Gainesville as soon as she can sell her house and returning to Cleveland, Ohio. She sends greetings to the Floridoras and regrets she could not be more active. Nita is one of the charter members and was our first speaker, she recalls. Her OM, the late W4JCS - Curly, took the first Floridora picture to appear in SKIP. Nita says she will always have a fond spot in her heart for the Floridoras. We all wish her well and trust she will keep in touch.

K4RHL-Elle was missing from the net Aug. 30th as she was busy on emergency net standing by when hurricane "Faith" appeared to be a threat.

W4CWV-Annette was having quite a "bout" with the dentist. Trust she is all O.K. now.

W4UF-Dot and K4RNS-Marge are getting many of the gals interested in Spanish. W4QBY-Dorothea has joined their little lesson group on the air before the net.

W4BAV-Cathy, 4th District YLRL Chairman, request all Floridoras check to be sure they have not overlooked paying their YLRL dues. If you paid and did not receive your membership card, contact the Treas. K8PXX.

## FT..MEYERS CLUB

By Ken, W4SMK

We were glad to see so many FB club scores in the Field Day. Our congratulations to the Jacksonville Clubs who both did such fine jobs in their respective classes of one and two station entries. FMARC has a new club call, W4LX, in memorial to one of our former members Francis Des-Rochers which will be used in future Field Days and other contests. Trustee of the club station is still W4CQZ.

Beginning about the middle of October the club will start a novice license class. Details are now being completed and the publicity started. We hope to get these new hams off on the right foot, and operating safety and correct procedures will be strongly emphasized. Call Ed 7-5834 after 5 PM for details on the class.

W4LNE/MM is operating aboard the Amarillo Victory in the Viet Nam area on 15 and 20 meters SSB. He is looking for contacts in Ft. Myers who can take phonepatches or traffic for his family here. Mick is now visiting some of the DX spots he likes to work.

Two of our local doctors, W4PJG and K4CAH, are planning a DX trip down to Grand Cayman Island in October to enter the CQ SSB DX contest. They have not received their call as yet.

Those of you with conditional and general licenses who feel the need to brush up on your code can QNI the

slow speed session of the QFN net. Details in Sept. Fla. Skip. This is a good chance to learn CW net procedures, also, so take advantage of it please.

Don't forget the national set coming up this month on the week end of the 8th and 9th. Pitch in and help your county AREC and RACES put on a good drill.

I hope to get up to the HARS Hamfest again this year since I enjoyed the one last year very much. Will see you all there if plans work out.

## SUNCOAST ROVING REPORTER

Your Roving Reporter has not been able to keep up with the news of the Suncoast area, as have travelled over 8000 miles on our tour of the west. We visited the Carlsbad Caverns (56 degrees in Cave, walking 3 miles on 3 1/2 hr. tour); Petrified Forest; Painted Desert; Grand Canyon; Bryce Canyons; Yellowstone; Mt. Rushmore, etc. Home, via Long Island; stopping in Gainesville, Ga. August 28th to attend the 1st Annual Lanierland Hamnic, held on Lake Lanier. We met W4TXA-Mac and XYL-Helen there, as they are spending the summer on their property 7 miles North of Gainesville. Needless to say we did not win any of the prizes; though W4BAV and Helen did win on Bingo.

Looking forward to seeing W4NOK-Jack and XYL, WA4NFA-Frances in St. Pete soon, as they close their hotel in Ocean City, N.J., after Labor Day and madly pack to return to their home in Meadowlawn.

Many from the Suncoast area will be heading for Bartow, Sunday, Sept. 11th, to attend the All Florida VHF Picnic (their 10th). Then Oct. 16th, a hammy time will be had at the HARS Annual Hamfest, in Tampa, at Rowlette Park.

W4GHR-Bill will soon be putting out a "whooping" signal on 20-meters (we hope), as he purchased K4MO-Ed's 40 ft. crank-up, tilt-over tower. It was quite a job taking it down and moving it from Largo to Sarasota, but Bill did it alone and hauled it on his Olds. Another "do-it-yourself" ham. Which reminds me, we visited W4HO-Bill, Monroe, N.Y., and saw the practically completed tower on the mountain, about which we wrote detailed report. Expect to have pictures and completed information soon.

## VBARC

By Dennis Yantz WA4YFY

Well, school time has come again and as a result one of our members has been shipped off to school. Neal Richardson Jr. is a 17 year old freshman at Florida State University this year. Neal WN4CEZ who was a graduate of our last code and theory class, is primarily interested in physics. He intends to have two minors in math or chemistry.

Roger Hill WN4COX is going to college but he isn't going quite as far. Roger is a freshman at Indian River Junior College in Ft. Pierce. He is taking liberal arts.

By the time this is printed, the Vero Beach Amateur Radio Club will have been honored by the presence of Al Hamel K4SJH. "Ham" will be at our Thursday, September 8th, meeting for his annual visit to our club. Aside from just visiting he will discuss



ARRL matters and the coming SET. Bill Hamlin WN4COG has volunteered to secure movies sponsored by the Bell Telephone Co. for showing at our club meetings. We feel that these movies will provide added interest as well as serving an educational purpose.

George Jones WA4QVJ, treasurer of the VBARC, is the proud possessor of an SB-100 kit. Last time we saw George he had a soldering iron in his mouth and a few parts in his hand.

Two of our local boys have been checking into the QFN training nets. As one of the two I hope to be good enough in the long run to give LJ WA4SCK a little competition. Hi!

73 Dennis

## TAMPA CLUB

By Marvin M. Bostain, WA4HDK

On September 19, Tampa Amateur Radio Club resumed its regular meetings.

The results of the essay contest on "What Amateur Radio Means to Me" were announced, and Ray Darlin was awarded a fine multimeter as the winning prize. Russ Averill, WA4JMH, and O.G. Dodson tied for second place. The winning entry is:

After writing two hundred words on the subject of "What Amateur Radio Means to Me," I have decided to throw them all away and just say, "Thanks, amateur radio."

Thank you for the KNOWLEDGE I continually gain;

Thank you for the FELLOWSHIP I've learned to love;

Thank you for the ENJOYMENT that lasts far into the night;

Thank you for the TOLERANCE I've learned to extend;

Thank you for the THOUGHTS that keep my mind active;

Thank you for the HELP and answers I have received;

Thank you for the PATIENCE until I have learned;

THANK YOU AMATEUR RADIO AND ALL THOSE CONCERNED.

## SUNCOAST VHF CLUB

By Nancy WA4EDL

A bunch of us met at CD Headquarters and then took off for Bartow Hamfest. Those who joined the motorcade had a good time yaking-it-up on the way. Plus the good time at Bartow. Next hamfest is in Tampa.

All the fellows showed up at the Sept. Club meeting dragging their lawn mowers, hedge trimmers, etc. Walt W4PWB brought and showed his pictures of their tour of Hawaii. Sorry fellows we said pictures not for real. Also wish Walt and Edna a Bon Voyage. They are on their way to such exotic places as Spain, Portugal, Italy. Complete Mediterranean Cruise aboard the Leonardo da Vinci. Be back last of October. Where next Walt?

Lee K4WXS had minor eye surgery and is doing fine we are happy to report. So very happy to report K4IYN Jim back home. Hope you get to stay there now Jim and improve greatly. Spent four days visiting with W4TKE Walt and K4EAC Hilda. Had a ball and joined the Gainesville Amateur Radio Club in their annual picnic and enjoyed meeting the gang. Came



After a hot 6 meter transmitter hunt by the North Miami ARC, this nice group lined up for a shot, August 21st. Who said Florida was flat? L to R: Tracy WA4UJD; Al WA4FZV (kneeling); Mark WA4NHU; Mel WA4NHT; SWL Dean; John WB4AHA; Hoppy WB4BND; Eileen WA4UNV; and Alan WA4JTK.

Earl, WA4TVN took this picture and incidentally won the hunt..

home with a couple of prizes to keep us reminded of the good time. Thanks gang.

A lot of the gang in this area have mysterious carrier on 50.58 all are going to take bearings and try to track it down. Any one else who hears this carrier we would appreciate information such as time, bearings, strength. Send the info to P.O. Box 12185, St. Petersburg. Have heard that the Venice area has this carrier.

As plans stand now will have a representative from International Register Corp. (IRC) speaking at the Oct. 14 meeting. All welcome to join us.

See Y'all next month.

## H.A.R.S. NEWS

By Bill Lynn, K4VAO

Lou Bellavia, K4PDR, was to demonstrate his amateur tv at HARS Aug. regular meeting. Lou had a very good picture and everything was working fine but just before meeting time a severe electrical storm passed through Tampa and knocked out his power. A lot of time and hard work had been spent on the preparations and Lou was very disappointed as well as a lot of us members. Maybe next time we will have better weather.

The meeting was not a loss however. We were honored to have two featured speakers, Mr. George Harvey, general manager and vice president of WFLA Radio and TV and also Mr. Ray Mills, Director of Hillsborough County Civil Defense.

It is with deep regret that we note the tragic deaths of Eugene Pendleton W4AUV, and his wife Marie in an airplane crash. Gene was an engineer at WFLA TV. They left three small children and many friends. They will be sorely missed by all.

Please note elsewhere in this issue, also last month's issue, the advertisement for the Tampa Hamfest sponsored by HARS. We ask all club presidents to please announce this to their members. We also ask all net members to help us spread the word. The date is Oct. 16, 1966. The place is Rowlett Park in Tampa. Everyone is invited to attend this gala affair.

We will monitor 146.94 FM, 51.0 Am, and 3940 KC SSB.

## ORLANDO RAMBLINGS

By Hal, W4BKC

Well Hurricane Faith finally went on about her business after giving most of us a bit of a scare, during the time she was dancing around off-shore, five Gonset two meter transceivers wound up in Monty's (K4VFV) repair shop with an "Electronic nervous breakdown." Of course they are all in the age group where that is occur-

ring more frequently.

With the able assistance of Jim, W4PAO, Ace, WB4AKJ and Dave, W4TOD the Shea's now have the tower up, all fifty feet of it, and it sure is a pleasure to HEAR stations we used to have to strain to listen to.

Don, WB4ANM informs us he is leaving for overseas first week in September. Our best wishes for your safe return go with you Don.

Remember us telling you about Frank moving to Jax? Well we almost worked him during a band opening, September first, but he was having modulator trouble, better luck next time, Frank, glad to hear you are still active on two.

Had a half hour QSO with Brownie, K4DD, Melbourne, Spiralarray to Spiralarray, Dennis, WA4YFY, Vero Beach was putting on a good sig. into Orlando, also Spence, WA4WAJ from Ft. Pierce, there were sigs coming in from all up and down the East coast, heard someone mention they heard a Georgia station too, may have been Pappy, W4BCL from St. Simons Island, he seldom misses a band opening.

In a contest open to store managers and assistant managers, one of our local Hams sure was lucky. Allen, W4UFY, won a 21 day jet trip around the world for himself and the boss lady. Boy was he excited, we were all glad to hear of his good fortune, couldn't happen to a nicer couple, know they'll enjoy it. How about borrowing that rabbit foot while you're gone Allen?

# TAMPA HAMFEST

SUNDAY, OCTOBER 16

9:00 A. M. - 4:00 P. M.

ROWLETT PARK & REC AREA

Located on North Bank of the Hillsborough River at 22nd Street

## PROGRAM

9:00 A. M. Registration (\$1.00) Swap Tables

Noon - 1:30 Lunch Served Free with Registration

(Each additional Meal Ticket 25¢)

1:30 - 4:00 Drawing

PRIZES FOR THE WHOLE FAMILY

SPONSORED BY

(HARS) Home of WA4GJJ

Hillsborough Amateur Radio Society, Inc.

## My Credo

I BELIEVE in what I'm doing, in the office I'm working for, and in my ability to get results. I BELIEVE that honest things can be done by honest men using honest methods.

I BELIEVE in working, not weeping, in boosting, not knocking, and in the pleasure of my job.

I BELIEVE that a man gets what he goes after, that one deed done today is worth two deeds tomorrow, and that no man is down and out until he has lost faith in himself.

I BELIEVE in today and the work I am doing; in tomorrow and the work I hope to do, and in the sure reward which the future holds.

I BELIEVE in courtesy, in kindness, in generosity, in good cheer, in friendship and in honest competition.

I BELIEVE there is something doing, somewhere, for every man ready to do it.

I BELIEVE I'm ready....RIGHT NOW!

## FCC Relaxes

By order dated April 25, 1966, the Federal Communications Commission has relaxed its requirements for filing a change of name or of mailing address only.

Effective May 20, 1966 if only the name or the mailing address has changed, the amateur may send a letter to the FCC, Gettysburg, Pennsylvania 17325 setting forth the changes and keeping a copy of the letter with his license until the next renewal.

Where the transmitter location is changed, or the trustee of a club station is replaced, formal modification on Form 610 with a fee of two dollars is still required. Full details will appear in June QST. (ARRL OB 57)



## SCM's CORNER E/F

BY "HAM" K4SJH

I would like to announce at this time that your present SCM will decline nomination for this office for another term. I believe that two terms plus part of another is enough for any one man and that is actually better for the health of the section if another SCM were chosen.

Even though I have not attained the goals that I had set for myself in entirety I feel that some progress has been made and I have attained much satisfaction from this. I have been very happy on the job. Keeping busy though retired is one way to perpetuate health and happiness. I will miss the busy days and the really enjoyable associations and contacts made while in office and hope that they may be continued in the course of my other activities. I expect to keep busy both on the nets and with my present other job as Vice Director at least until this term ends.

I have tried extremely hard to increase the number of traffic reports submitted by our very able traffic handlers but for some unknown reason(s) the gains have been very slow. Thanks anyway for the several new calls seen in recent reports. I might be able to do some good if those who have decided not to submit traffic reports would be so kind as to simply let me know WHY NOT. Everyone must have a reason for what they do, or do not do. Knowing your reason(s) for declining to report I might be able to erase any doubts in your minds and, perhaps, make the job of the succeeding SCM a bit easier. It is a very small thing to do and it is one way that you can show that you really support

your SCM and wish to contribute to his success. Reporting puts your Eastern Florida Section on the map and shows that we really have the nets with members that can produce — and are not afraid to talk about it. Don't be selfish by keeping it to yourself. Spread it around — and what better way than through your SCM. Thanks and 73.

## Days of Spark

By Leo R. Scagliozzi, W4VLN

In the era of the 'Roaring Spark', radiation in the antenna was determined in seven easy (?) steps, namely:

1. Take hold of starboard side of spark gap with right hand a steam radiator with left hand.

2. Close AC switch with left foot.

3. Pick yourself up (if possible).

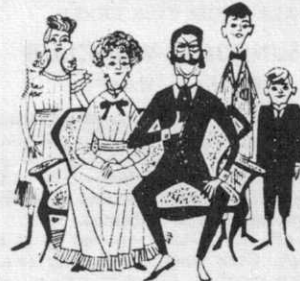
4. Measure distance from gap to prone position of body.

5. Multiply by two.

6. Take square root of above product.

7. The answer, less 91 percent for burns, blisters, etc. was available radiation in antenna.

(ED. NOTE: Meters were expensive in those days.)



### SPECIAL ARRL QN SIGNALS FOR NET USE

- QNA\* Answer in rearranged order.
- QNB\* Act as relay between.....and.....
- QNC All net stations copy.
- QND\* I have a message for all net stations.
- QND\* Net is directed (controlled by net control station).
- QNE\* Entire net stand by.
- QNF Net is free (not controlled).
- QNG Take over as net control station.
- QNH Your net frequency is high.
- QNI Net stations report in.\*
- I am reporting into the net. (Follow with list of traffic or QRU.)
- QNJ Can you copy me?
- Can you copy.....?
- QNK\* Transmit messages for.....to.....
- QNL Your net frequency is low.
- QNM\* You are QRMing the net. Stand by.
- QNN Net control station is.....\*
- What station has net control?
- QNO Station is leaving the net.
- QNP Unable to copy you.
- Unable to copy.....
- QNQ\* Move frequency to.....and wait for.....
- to finish handling traffic. Then send him traffic for.....
- QNR\* Answer.....and receive traffic.
- QNS Following stations are in the net.\* (Follow with list.) Request list of stations in the net.
- QNT I request permission to leave the net for..... minutes.
- QNU\* The net has traffic for you. Stand by.
- QNV\* Establish contact with.....on this frequency.
- If successful, move to.....and send him traffic for.....
- QNW How do I route messages for.....?
- QNX You are excused from the net.\*
- Request to be excused from the net.
- QNY\* Shift to another frequency (or to.....kc.) to clear traffic with.....
- QNZ Zero beat your signal with mine.

ARRL Communications Department  
Operating Aid No. 9

\*For use only by Net Control Station.

### FLORIDA ARPSC NETS

FLORIDA PHONE TRAFFIC NET --- Daily, except Sunday, 3945 kc, 1200GMT.

GATOR NET (C.W.) --- Daily, 3651 kc, 1330GMT.

FLORIDA MIDDAY TRAFFIC NET --- Daily, except Sunday, 3945 kc, 1700GMT.

TROPICAL PHONE TRAFFIC NET --- Daily, 3945 kc, 2200 GMT.

QFN ALL FLORIDA CW NET --- Daily, 3651 kc, 2330 and 0300GMT.

FLORIDA "FAST" SSB NET --- Daily, except Saturday, 3940 kc, 2300GMT.

WEST FLORIDA PHONE NET --- Daily, 3950 kc, 2300GMT.

FLORIDA AMATEUR TELETYPE TRAFFIC NET --- Daily, 3700 kc., 2330GMT.





By Jim Wilson,  
W4GDK, NØWCK

September sixth marked the "Change of Watch" for Sixth District Navy MARS Directors at the Charleston Navy Yard. It also was the date on which Chief Charles "Mac" McKamey was retired from the Navy with high praise for his service.

His replacement, Chief Earl Crawford, when asked about retirement replied, "I'm going to stay in as long as they'll let me." We hope his service as MARS Director will be a pleasant one.

At the end of June 1966 Navy MARS reported 5998 active members in the program. Equally impressive was the report that in the previous three months the members had handled 93,541 pieces of message traffic. The seven operational NAVMARS stations in Viet Nam in the same period processed more than 48,000 combined messages and phone patches.

Florida NAVMARS operators are proud of their membership in such an active organization. Our overseas traffic is coming into the District from two sources. Much comes from the Pacific Coast Gateway stations through the nightly transcon nets of which our South Florida Coordinator NØAPC is Traffic Manager. Other large amounts of it come by RTT to NAV in Washington. They in turn relay it by RTT to NØFAA at Camp LeJeune, N.C. who then distributes it on the District net.

Hal Burnham NØFBE, our scientist member from West Palm Beach has just left for a 6 weeks trip through the North and West.

We were glad to have Kay White NØENZ of Lake Worth get her antenna coil unshorted so we can finally hear her.

If you have questions about



## Letters To Editor

Dear Andy,

Just rec'd my Sept. "SKIP" and this notice that seems to come sooner ever year. So enclosed is \$2 for another year. I can do without reading some ham rags but not without "SKIP".

In lieu of the remarks dept. at the bottom of the renewal blank, I'll give you a short history from this QTH. I don't recall how long I've been a subscriber to "SKIP" but the XYL keeps threatening me with divorce if I allow the piles of old ones to get any bigger.

I've been licensed about ten years or so, and am active in everything that pertains to ham radio in Lee County. Was Mobile communications officer for five years with Lee Co. CD; and am now currently Communications Officer for Lee Co. Chapter of American Red Cross. Am active in RACES, AREC, CD, RC, ARRL, IO-AR and am about to join NAVY MARS, being an ex-gob.

The shack here is about average; looks like any well organized ham shack; a pitiful state of organized confusion into which no well trained XYL will venture further than shouting distance. The main rig consists of an NCX-5 feeding an NCL-2000 when needed. Other gear consists of a Comm. IV for 6M, plus a 90W rig on 6 and a converted Sixer which is now used mobile. A TWOer sets on the floor when not in use. A Bridge, Patch, HO-10 Scope, and dummy load help clutter up the formica console and around the floor and walls rest about two tons of indisposible gear, all neatly contained in an 8 x 8' shack.

The weather gear consists of a U.S. Fiberglass Quad (now on the ground), a 6M ground plane, a 12 el 6M beam by HI-GAIN, a Hornet tri-bander (also on the ground) and a dipole for 40 & 80M and all hanging (when up) from a wooden telephone pole 80' high.

So that's what it looks like from this end. I am an active member of FMARC, Andy; a past president; ect; and never miss a Field Day or an Operation SET or anything else going on around here. I have met and talked to you many times but you and Virginia are so busy and meet so many people you won't remember and being very busy myself as a scout master and an officer in many other organizations and in church I realize how it is. Anyhow, I remain a loyal fan. 73 Andy.

Earl K4FQU  
Ft. Myers

EDITOR:

Seems I may have goofed a couple of times this year - at least.... First, I made a wrong turn in California and got on the wrong ship-

the Navy MARS program, feel free to write this correspondent at 1204 Avocado Isle, Ft. Lauderdale Fla. 3315 or work W4GDK on the air.



W4GDFU - Lanky, representing Newport, Fla. 100% on the ham bands, stays around 3.985 and rarely misses checking into the west Florida phone net on 3.950.

Under his counter top is a Swan 350 (you can see the mike)

Lanky is a retired tug boat capt. and runs a general store and gas station--he has been known to stop hamming for a few minutes to sell some groceries or gas at times.

(Photo by W4IKB)

and spent a few months in a delightful place called Vietnam... You would think that mistakes like that would be the top, but on my return home three days ago, I find a notice that my subscription to the SKIP expired with the August issue. Gadzooks!

Enclosing my two hard-earned (?) dollars for the next twelve. Sorry I'm late. Also would like to take advantage of the HAMBAR service as I did last year when I thought I was retiring from the Marine Corps. This time, I made sure, and got my walking paper in hand first...

Former CHOP at W4NTR in Arlington, Virginia, but have now moved back to Florida permanently. Have hung my hat here in Titusville for the moment, but this is subject to change as soon as I locate an employer who can use my - uh - talents...

Thanks very much, and I'm looking forward to meeting many more of the swell folks of the Sunshine State.

73  
K. G. BOSO  
K4PYV/NØSZS

Editor:

Enclosed check for 2 bucks also my QSL card which is a bit different. This card plus my 4 element cubical quad on a 30 foot boom gets me a good return on DX QSL cards.

I enjoy receiving SKIP and wish you well in its continuing publication. Pet peeve? Rude operators breaking into a good QSO wanting a phone

patch to a visiting relative that they probably wouldn't even bother to call if they were at home in the same town.

Best wishes,  
Tom, W4JTS, Miami

Editor:

Congratulations to SKIP on a most interesting and informative magazine. First because it deals with ham radio and second it's for Florida. I show it to everyone that comes around my shack and you have a subscriber or two from those that have seen it. Your hambar is terrific!

You published Dick Blasco's "Homebrew Homebrew" circuit which looks like a good challenge to me. Please forward a few back issues to bring me up to date. Best of luck.

Howard Ettinger  
Sarasota

Editor:

Everything going OK here in Rus- ton. Still working out few bugs on 3670. Seems to be a good clear freq. Advise all hands I will be monitoring 3670 from 830 to 930 for Tampa traffic daily. Wonder if other larger cities would set up a speaker watch for an hour on any frequency and let me know. Maybe we could work up some kind of continuous monitoring system.

73  
Jim, K4FQP  
Ruskin, Fla.

# It's A Fact

Being a master mariner and also a ham I am interested in various electronic aids to navigation. One has come to my attention that is most interesting and is now new, but is new to the United States. Being only available in the New York City area, this method is called DECCA or the British System. Decca is extremely accurate and day and night effects are measured in yards, rather than miles. This means that the bending of Decca radio waves due to night or day ionization is only a very small bit. As an example

Distance from station	Day	Night
100 miles	30 yards	100 yards
150 miles	60 yards	250 yards
200 miles	100 yards	500 yards
250 miles	150 yards	800 yards

Decca signals are xmitted in four places in the radio spectrum, 85 kc., 133.333 kc., 127.5 kc., and 70.83 kc., and a pair of stations can lay down lanes of 450 yards wide. The Decca instrument or decometer will display distances accurate within 14 feet under ideal circumstances and please note, Decca accuracy is spoken of in feet and yards, not miles. A modified HI-FIX Decca is accurate within inches. A skipper could well ask for a fix and have the navigator say will all seriousness "3451.3" as measured from the leading edge of the forward mast, to point of reference 'X' "Accurate? you bet, but only available in the NYC area readable out to about 150 miles to the East and South. The system has been in extensive use in European waters since the war (big II) and is transmitted for use by England, Scotland, Spain, France, Germany, Sweden, Persian Gulf area, India and parts of Eastern Canada, but nothing in the USA until last year and then operated by a private company for their own use. The New York Airways, operators of shuttle helicopter flights from the airports in the metro area. However the system was invented by an American in 1938, the US Government was offered the system but they laughed it off, finally DECCA Records could see the possibility of the system and invested, the ball began to roll, and at the time of 'D' day the British used it to position their invasion forces and it is believed that many thousands of lives were saved due to the accuracy of this type of navigation, even with the improved methods of celestial navigation there is not the time or possibility of obtaining such an accurate fix as is offered by DECCA, literally down to inches.... Why don't we have it????

\*\*\*\*\*

In the same vein, USCG, due to crowding of Beacon Frequencies has ordered with the permission of FCC the multiple use of frequencies for some beacon stations. The stations are far enough apart that their power circles do not overlap, much the same as standard broadcast stations are regulated today, at the moment this only applies to 200 kc to 300 kc beacon band, but will eventually extend up into the 300 kc to 400 kc aircraft bands. So you can see that even the Coast Guard and FAB are having crowding troubles.

A Sidebender ....  
W4NUT

## ARPSC NET TOTALS

NET	QNI	QTC	SESSIONS	AVG TFC
FAST	1000	189	27	7.0
GATOR	262	247	31	8.0
WPTN	449	184	31	5.9
FPTN	407	112	27	4.1
FMTN	506	382	27	14.1
TPTN	531	205	27	7.6
QFN	679	376	62	6.31
RATT	119	53	31	1.7
SATN	570	277	31	9.0
GATOR	265	177	31 (late July)	5.7



## The Florida Side Banders Association

By Bill Blasingame WA4NEV

August has been a busy month for the Side-Banders. There were several checking in to the Association via long distance phone patches while on vacation. Among them were W4TY, WA4-GDS, and WA4NEV. What some of us won't do to keep our place on the roll call.

We have missed the melodious voice of our president W4MVB. As you know, he is in Portsmouth, Virginia attending school for a couple of months. In the meantime, our esteemed vice-president W4FP has done a tremendous job running the show these Sunday afternoons on 3940 Kc. Those of you who haven't been checking in lately have really missed a lot.

New members who were certified during August were, Mr. Henry Roth K4EVY of Ft. Lauderdale and Mrs. Lee Kanarian K4WXS of St. Petersburg who

were certified on August 7th. Then on August 14th, Mr. James Pearce of Sanford was certified. Congratulations to all of you and welcome to the group.

During the past few weeks, we have had some very interesting programs. Now I am sure there are many of you who could put on an interesting program. We need volunteers badly. If you have any suggestions or if you know of some one who might be afraid to offer their services, then please contact any of the officers and tell us about it. We will be more than happy to hear from you.

I don't recall hearing anything about our Mobile News lately. Now that we are getting settled back in the routine of things, maybe the committee will soon have their report ready for us. I am sure that with all of the Mobile equipment among the membership, we will be able to come up with an efficient organization.

May your tubes run cool and the QRM get quiet.

DE WA4NEV

## SLOW SPEED CW NET

QFN will hold a third session during the months of September and October on 3651 kc at 003-0Z (7:30 PM EST) Monday, Wednesday and Friday only. This net will be for training purposes only: the NCS will operate at speeds of 10 to 15 wpm, and the procedure will be somewhat less formal than that of regular QFN sessions to permit stations to ask questions regarding net operation, etc.

No ragchewing while net is in session, of course, and while stations will be encouraged to bring one or two pieces of traffic to the net, no priority traffic will be accepted and no dumping of fair traffic and the like will be tolerated.

This session is strictly for training; it affords ECs and others who may be interested in CW traffic work, the NTS, etc., an excellent opportunity to break the ice and develop NTS liaison stations to integrate local ARPSC organizations into the NTS.

73,  
W4LUV RM E. FLA.

## WESTERN FLA. NEWS

By Frank M. Butler Jr. W4RKH

Tallahassee: K4VRT now has an SB-400. He edits the TARC Newsletter. K4YPI is building all-transistor rig. W4NJK is with FAA here. W4LQM transferred to Pensacola FAA office. Quincy: The GENTS now has its own club call, WB4DGW. Marianna: WB4BGG and WB4DFM have joined W4KCA to put nearby Cypress on the ham mpa.

Chipley: WN4BGR is newly licensed here.

Port St. Joe. K4RZF is back on 75 meters after repairing antennas. WN4BRS is new Novice. W4UPO is active on WFPN. W4MTH and W4ODV are new OM/XYL team in town.

Panama City: WA4ZGI is newly active with an SB-100. WA4FLJ has filed petition with FCC to expand /MM frequency authorization.

Fort Walton/Eglin AFB: W4-ZGS and W4RKH/m are on 2 meter FM. Transmitter hunts are held in Niceville area on 145.2, sponsored by EARS.

Pensacola: W4JPD has a new tower and beam. W4PAA keeps skeds with CG Cutter Sebago to handle traffic. WA4JLY is active on all bands, 80-2 meters. Milton: K4NMZ replaced quad with triband beam, and added second 2 meter beam above it.



## What's New On Six?

The month of August was a complete washout for six meters. This month has been the worst for skip openings in over three years. The band opened to Ohio, NY, and Penn (AM) on the 11th for one hour. The 13th for 45 minutes into Ohio, NY, MD, Mass, and finally on the 30th to NY and Mass. New Hampshire (WA1AJY) is reported heard on this date.

So far this year June and July was the most active with openings almost every day. Going back to May, Mississippi K2-IJK/5 was worked mobile on 50.25 with signals that would drive you right out of the car they were so loud, and Larry QSL's 100%.

The first week of June, 20 states were worked and confirmed on AM in the Miami area. The guy's that QSL are, WA-9NZQ, W4ULE, WA4WXP, WA-8ALO, K3RES, WB4BPV, WA-EDS, WA4MSO, W4ERX (Ala Gal), W9TRO, WA4EDS, K0R-WV, WA4RZG, K4JPD, W4DYL, K3JVA, K1LHT.

The band was dead the second week of June with a few openings on SSB. But, on the 15th it opened for the rest of the month for the AM boys. We had good signals into Ohio, NY, MD, Tenn, Tex, Okla, Va, Ga, DC, Mo, Ill, Kans, Ala, Ind, Penn, Ky, Ark, Mass, RI, NJ, Del, with 21 states confirmed in two weeks, with less than 25 watts, AM. The guys that QSL promptly are, WA8RWH, WB2-BML, K3EHS, WA5LNX, W4-YRM, WA9CYB, WA3CUH, W4UVV, W9VMH, WA8ONX, WA-9IZV, W3HYW, W1AQ, W3Bn, and W4AB.

July was a 100% month for SSB, with about 66% for AM, but the quiet periods only lasted one day at the most. Good openings into Ohio, Tex, Va, NC, Penn, Ind, RI, NY, Mass, Conn, NJ, Kans, La, NH, Ill, Mo, Mich, Tenn, Ky and Puer-

to Rico on AM. Here again the "good guys" are K5AKY, WA4RGG, WA8EIE, WA6UNW, K5BUX, K3LTV, K8SGY, WB-2UHU, W1PGX, K1SVC, WA1-EDB, WB2LIG, K1PHZ, WA1-FTB, WA5MWH, W3QAM, WA-1EDB, WA5LSY, WA9FDP, WA 9QJP, WB1CXF, K3ZFC.

If you like the low-down on the gys who QSL on six, send in your list each month for our records and mention in this column. Remember these are the 'regulars' who really make up the six meter band, when it is open to skip. We will also keep a file on these fellows and if five of you Florida Hams from five different counties advise us that some one guy has QSL'd or confirmed the contact on six, we will see that He gets a Certificate Award, whether he likes it or not! More on these certificates next month.

If you are mobile on six, mail me a card in care of Florida Skip, giving particulars so that we can compile a list for next month's column. How about it, HNV, AGW, JO, TCN, STJ, WLK, IJE, HVX? 73 and see you next month.

Susan Item X-Ray

## PEOPLE TO PEOPLE RADIO

An elaborate study by the Pentagon's Advanced Research Projects Agency has singled out what may be the best-informed group of citizens in the Soviet Union: the 15,000 to 20,000 Russian radio hams. Besides tuning in on the Voice of America and the BBC, the hams converse with short-wave operators around the world. The ARPA study was designed to learn how best to communicate with people in closed societies.

Newsweek June 13, 1966

## TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month. For August 1966:

1. WA4SCK BPL 723	11. WA4LJH 117
2. WA4BMC BPL 358	12. WA4PDM 113
3. WB4AIW 260	13. W4AB 107
4. WA4NEV 242	14. WA4FGH 102
5. W4FPC 220	15. W4SDR 101
6. K4BSS 210	16. W4LUV 100
7. W4ILE BPL 208	17. W4EHV 98
8. W4TUB 206	18. W4AKB 78
9. WA4RQR 135	19. WA4EOQ 75
10. WA4DEL 119	20. W4FP 75

## Antenna Prattle

It used to be Doc Everitt's off center fed Hertz, then the end fed Zepp, then along came Windy Windom and his wet string. Each of these and many others were the topic of the hams for many years but none of them seem to have caused so much nonsensical prattle as this thing called an "Inverted Vee."

Some old timers seem to have forgotten and most newcomers do not know that these hybrid antennae can be catalogued against some basic type. A corollary to this is that until such time as we can buy free space by the package we must accept the fact that the results from an antenna can differ from its basic or even its identical twin by as many variations as there are users and locations. This is a fundamental that no amount of ham discussion is going to change. So why not stop talking like a long eared member of the genus "Equus."

ONYX

## E. FLA. 6th HIGHEST

In preparing statistics for the 1966 ARPSC Bulletin we note that 12 SEC reports were received from your section in 1965. Of your 31 ECs, 21 submitted annual reports for 1965, a percentage of 67.7 of your total ECs.

The faithfulness of your ECs in reporting can be ascertained by comparing the above percentage with the national percentage of 31.1. Your section ranks 6 nationally in this respect.

This is for your information and possible action to improve your section's standing during the current year. 73.

George Hart, W1NJM  
National Emergency  
Coordinator

## Ideal Coordinator

The ideal EC should have the following qualities:

1. Must be an incurable (half-baked?) ham.
2. Should be about 21 years old, in perfect health, and full of vim and vigor.
3. Must have had at least 20 years experience as an EC. (Figure that one out.)
4. Would preferably be a retired bachelor millionaire with plenty of free time and no interest in women (for obvious reasons). In other words a real rare bird.
5. He must be a student of diplomacy with experience in settling minor disputes such as wars between world powers, or major disputes between AREC members and Red Cross, C.D., A.R.R.L., each other, or you name it.
6. Should be an expert CW, SSB, RTTY, VHF operator, and gas engine generator mechanic.
7. Must be able to go long periods with no help, no sleep, no food, very little beer, and only huge amounts of cold black 2 day old Salvation Army coffee to sustain him.
8. Above all must possess an undying love for endless piles of paper work, the ARRL, the WX bureau, League Officials, the flag, and Dexedrine pills.

Ken W4SMK  
EC Lee Co., Fla.

## SEEING IS BELIEVING

Have you ever seen a quarter wave?

Have you ever seen a volt age?

Have you ever seen a center tap?

Have you ever seen a band pass?

Have you ever seen a net work?

Have you ever seen an element beam?

(via—Auto Call—W3NL ED.)

HAVE YOU JOINED THE



IF NOT, CONTACT YOUR  
EMERGENCY COORDINATOR TODAY

# Central Florida ATV

By R. Montgomery K4VFF

In the modifications or construction of cameras, we found that a monitor, of the closed circuit type, proved to be an essential tool. During our early attempts to use on the air pictures, in order to make adjustments, we were always hampered with "picture overload" caused by excessive signal from the transmitter, much in the same way that your standard LF receiver overloads or blocks out when tuned to your own transmitter signal. This overload condition results in a badly distorted picture, causing possible further mis-alignment in your camera, during the attempt to correct what you think is a problem.

If no other monitor is available, this on the air method can be used, but means of limiting the signal to the TV receiver must be found, the amount of distortion, if any, will vary with the many different types of "hook-ups" that you may place into your operation, one solution may be the route that Dave Hall W4TOD-TV chose. Dave found that by placing a DPDT relay in his TV transmission line, leaving the normally open contacts unused, using the wipers and the normally closed contacts only, was sufficient. When his transmitter was keyed, this relay opens up, placing an air gap of several thousandths in the line, enough of the signal "leaks" thru to give a good on the air monitor, when the transmission is complete, the relay will return to the normal closed position, giving the TV receiver normal receiving capabilities. To cope with your own peculiarities, several attempts, of placing this type of relay system in your line, may have to be made, to obtain satisfactory results.

Not having readily available funds handy to run out and purchase a jim-dandy commercial monitor, we were given an old Admiral portable, and this we were able to convert to a closed circuit TV monitor. The first step was to remove all connections to the tuner, strip the video IF circuits, and in the place of the IF strip, using the same tubes and in this case the printed circuit board, built a video amplifier circuit, this was straight forward, simple R-C network, and coupled to the video output tube, whose circuit

was not disturbed, and by the old cut and dry method, we found a place where a half decent picture from the homebrew camera was obtained. I am still not completely satisfied with either the camera or monitor, and it takes time to solve all of the unknowns... Is the problem in the camera or in the monitor?...who can tell, only time and tinkering... HI

The antennas for ATV are many and varied, we have used commercial UHF TV antennas, after some slight modifications to the driven element to make the freq, but, it was found, thru experiments that these antennas altho usable, lacked the gain that was desirable.

Most of the stations operating within this area are using Collinear arrays, these arrays are fully shown and explained in ARRL's Handbook and VHF Manual, so we will not go into full details here, what we will show is one simple, inexpensive version of this array, consisting of two wooden "E" frames, with aluminum clothesline elements, purchase of all materials should not exceed \$2.50.

If you wish to get by real cheap, check to see if one of the XYL's aluminum clotheslines is at least 18' long, if so, when she isn't looking, clip it down and slip it into the shack and clip it up to the proper element lengths, slip them into the holes that you will have drilled thru the wooden braces, connect a length of 300 ohm feed line to the feed points, connect to your TV set, and presto a simple ATV antenna.

During construction, I found the most difficulty in bending the upper and lower driven elements, this being one continuous piece of wire, enough length has to be included to allow crossover of the opposite set of driven elements, (see sketch).

The theoretical gain of this antenna is 12 DB, and altho none of us here have the means to measure DB's, we do know by the eyeball system that the gains over other types of antennas is substantial enough to make it well worthwhile.

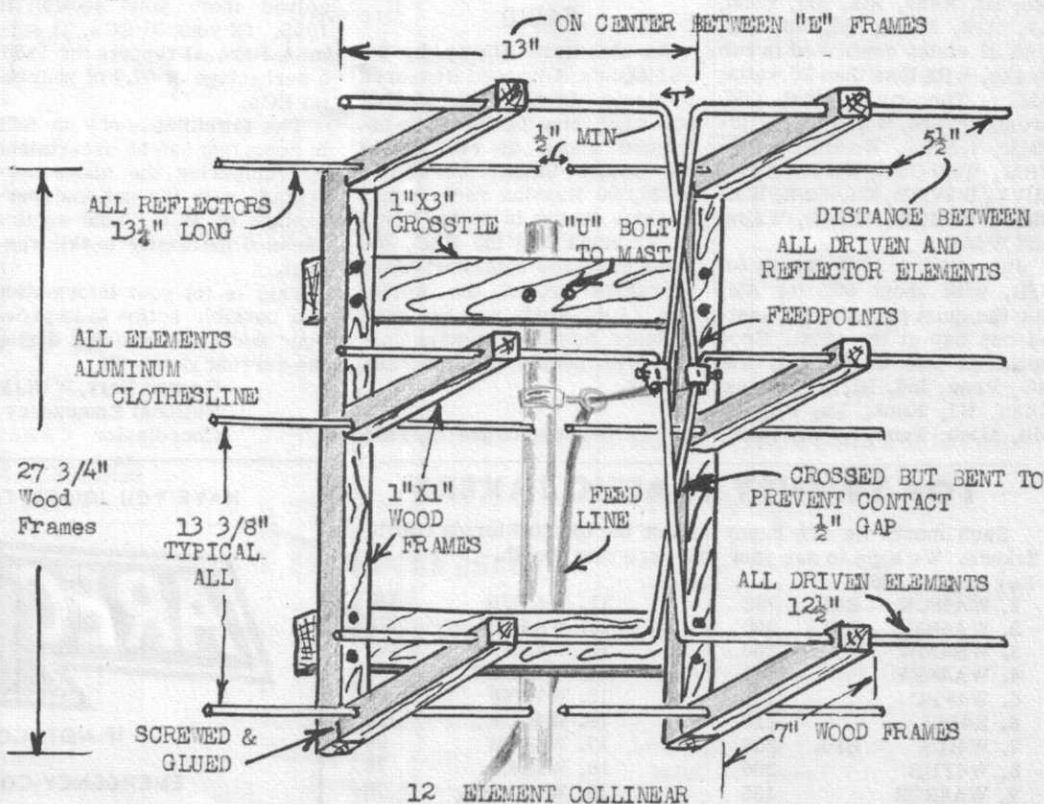
This array can be fed by coax, by using a balun at the antenna, this method will eliminate most of the stray RF in the shack, making on the air monitoring easier.

## Dead Carrier

Some CBers become quite annoyed when interference from other stations prevents a satisfactory exchange of communications. A few go to extremes in venting their displeasure. The Kansas City FCC office received a complaint of continuous interference from 4:30 PM to 7:00 AM daily on one channel. Direction finding bearings indicated it came from a cemetery about two blocks from the complainants home. Signal strength observations narrowed the search to a clump of evergreen trees in the center of the graveyard. A transmitter in a plastic box was found suspended from a tree branch by a 30 inch antenna. A miniature photo cell turned the transmitter on at dusk and off at daybreak. Ownership remains unknown. The complainant suspects a group of unfriendly CB operators because two days after the interference started he found in his front yard a cardboard cylinder with a simulated antenna, and a note printed "This is not it, stupid."

73's  
Monty K4VFF

(From X-MITTER,  
W3UAX Ed.)



(By K4VFF)



## HAPPY BIRTHDAY MARS (Continued from Page 1)

ually required recommendation from ARRL via the Division Manager. Most of the ORS became members which included my own station 2CY ORS 1925. I was appointed AARS 1926. Most of the AARS traffic was Crypto on a drill basis. Regular on-the-air examinations were given to members and replies mailed to headquarters. Very little personal traffic was handled, as, fortunately, we did not have many troops strung out all over the world at that time.

All AARS were capable of good coverage, had emergency power, and good cw operators. Some phone stations were in use but the Army felt that telegraphy was the best way to operate a military communications system for reliability and privacy, especially when AARS was established as an emergency backbone for the Army.

Many of the original AARS members WBOG (without benefit of goodies) continue to operate on the MARS and ARRL traffic nets. Many of them have become exclusively MARS operators, and thank goodness for that, for they form the very backbone of the MARS organization.

During the past year or so, MARS has acquired many new members. Some of them move around in and out of the various MARS organizations, offering their services where the best "goodies" and "prestige" appear to be available. Some of these stations severely criticize ARRL and the ARRL traffic nets on their own MARS frequencies, and they include all other MARS organizations (except their own) in this tirade.

It is indeed unfortunate for amateur radio, that these stations are perfectly willing to "live off" the many benefits they have derived from ARRL, including the affiliation they now enjoy with the military. Perhaps full maturity will be theirs in the not too distant future and they will undo this damage by upholding

## COGITATIONS OF A HAM

In recent months I've noticed when  
I listen to the O.E.N.\*  
The AM stations seem to be  
Becoming a minority.

A very brief survey discloses  
Those hams with clothes-pins  
on their noses  
And sideband rings are moving in  
To take the Net as sure as sin.

To me it isn't very clear  
Why users of that type of gear  
Its many virtues do expound  
When they don't know just how  
they sound.

I've listened to their rants and  
raves  
About the spectrum space it  
saves,  
But still can't figure what's the

the tradition of the amateurs code and discontinue cluttering up the bands whether it be military or amateur with unwarranted defamations. After all, they are "amateurs" whether they like it or not.

THOMAS W. CHISHOLM W4FP-A4FP  
Lakeland, Florida

matter  
To cause a 20 kc splatter.

But let the sideband boys have  
fun;  
I'll stick to AM 'til it's done,  
For I'm too old to change my  
ways  
I'm still in horse and buggy  
days.

Q. R. Emm.

From the Oregon Netter for  
February 1966.

\* Oregon Emergency Net.

### JUST COGITATIONS

Now these two blokes have had  
their jokes  
(Their poems are quite breezy)  
The final word will yet be heard  
From the good old F.C.C. 'zy!

W4ID

### 'BUY FROM YOUR FELLOW AMATEUR' DEPARTMENT

FELLOW AMATEUR: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return

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# Mobile Phone Reporters

By Leo R. Scaglione, W4VLN

Journalistic mobile radioreporting on the scene is commonplace today, but such was not the case some 42 years ago when a Newark, New Jersey, newspaper pioneered the field. The event, Boys' Day Parade, May 6, 1923, anticipated a possible new era of news reporting and assisted the then infant radio to shed its swaddling clothes.

A detailed story of the mobile radiophone transmitting station, first of its kind in the world, and a running commentary of the huge parade from radio equipped auto along line of march appeared in "Newark Sunday Call," May 7. At that time, reporter covering the story prophetically wrote: "It's practicability is such that it is destined to be adopted by newspapers of the country, especially in covering parades and similar events and getting news to editorial rooms from isolated points where line communication is not available." The reporter who wrote these words and who apparently lifted the veil of time unfortunately didn't even get a byline!

Five months of arduous research on mobile receiving and transmitting conditions by radio staff of "Sunday Call," which consisted of radio editor William F.B. McNeary and Albert Sonn, technical radio editor, went into project before application for radio license was made. Arthur Batcheller, at that time radio inspector for the New York and New Jersey area, after assigning call letters 2CNJ, commented, "This is a new one on me and to my knowledge a first in applying

and receiving a mobile station license."

Transmitting set consisted of a two-tube five-watt unit known as a Paragon 2-5U, built by Adams-Morgan Company of Upper Montclair, N.J. The receiving apparatus utilized a detector and two-step amplifier and was constructed by Electric Motor and Repair Company, Newark of which Herman Heidrich was President. The automobile use in experiment was loaned to the newsboy by Heidrich.

The radio equipped car presented an imposing sight with its three foot spreaders of seven strands of wire slung between two masts fastened on front and rear bumpers. Radiation to improvised antenna of frequency of 200 meters was 0.8 amperes with "B" batteries totaling 350 volts.

Excellent communication was immediately established over a distance of some two miles from north end of Board Street to Sunday Call editorial rooms then located at 204 Market street. At one point, the car was parked on Board and Market street within sight of the Call office and the following conversation ensued, "Hello, Sunday Call, we'll station ourselves here for a while. If you wave from office window we can see you. Wave three times if you are getting this ----- ah! fine, thought you were, here is an item for you -----."

Although car travelled from five to 25 miles an hour along path of parade, no interruption in reception at Call office was evident at any time. Effect of wired wireless signals was noted when the antenna was directly underneath trolley lines. Toward the end of the parade, frequency of the transmitted signal was shifted to 185 meters to alleviate interference from 200 meter spark stations.

Then Sunday Call later planned duplex tests between two mobile stations, and soon after a demonstration of broadcast reception with receiver placed in a moving car provided excellent results.

Radio turned a corner and marched side by side in journalism that historic day, 42 years ago.

Al Sonn is still active on 20 and 40 meter SSB and CW and

# HANNA HINTS

We do not usually think of the lowly resistor as having any special characteristics to give it personality. I am sure most of you will be surprised, as I was, to find that the common carbon resistor is more than just a resistor. Did you know that it has inductance and capacitance so that it has a self resonance frequency?

The capacity between the granules of a composition resistor tends to cause the reactance and resistance to drop with frequency. The skin effect tends to increase the reactance with frequency.

Resistor manufacturers are constantly striving to make better resistors. The best high frequency characteristic in a fixed composition resistor is achieved when the ratio of cross-sectional area to the length of the resistor is minimized. Small cross-section and fewer carbon binder contacts improve the high frequency characteristics. A standard 1/2 watt 1 megohm resistor will drop to only 10 percent of its DC resistance at a frequency of 500 MHz. A 1000 ohm 1/2 watt resistor will hold 100 percent to 50 MHz and drop to 85 percent at 500 MHz.

Various methods are used to get rid of the heat, and this is important because the resistance value will change with heat. The change is not too great (maybe 4 percent) but if it gets too hot it will not return to its original value. In operation, most of the heat (60 percent) is removed by conduction through the leads and 35 percent by convection to the surrounding air and the balance by radiation. It is not a bad idea to try to keep the heat down when soldering resistors because of the possible change. Use long leads if possible. The little clips used for soldering diodes and transistors will help.

Wire-wound resistors have always been considered as having inductance unless they are specials. The newer low wattage units look like composition, but you can tell them apart because the first color band is extra wide. These resistors can be used as low Q chokes

has the distinction of holding his originally assigned call, W2GC continuously since first issued. His hamming spans more than a half-century.

if you can tolerate the resistance. Some typical values for a 1/2 watt and a 2 watt wire-wound would be as shown in the table below:

Resistance Ohms	1/2 Watt Microhenrys	2 Watt Microhenrys
0.5	0.04	0.12
1.0	0.04	0.09
5.0	0.10	0.18
10.0	0.09	0.24
100.0	0.75	0.80
1000.0	1.50	3.40

(By Ralph Hanna W8QUR/AR-EA/ARNS Shack Gossip)

# Dear Mabel

My XYL, Betty is one of those ham wives who has had so much ham activity thrust into her life that she won't even serve pork chops. Despite this, she still puts up with my being late for meals, setting up the rig at the emergency location while she evacuates the kids to high ground during hurricanes, and all sorts of other indignities.

She hasn't been particularly patient with my shortcomings, in fact sometimes she is downright bitter about the whole thing. Perhaps she suffers longer and louder than any other XYL of recent record...at least it seems so from here when I'm trying to copy a weak signal on the net.

Maybe if I could get her in the habit of reading a Dear Mabel Award certificate she'll take a little more pleasure from being married to a hard-headed ham who would much rather be safe at home operating the rig than out on the golf course or in the neighborhood pub.

On these grounds, I'd like to nominate my XYL, Betty Rutan, 4529 Beach Drive S.E., St. Petersburg, Fla. 33705 for an award from Dear Mabel. 73.

Rick Rutan, K4BNE  
4529 Beach Drive S.E.  
St. Petersburg, Fla. 33705

(My Dear Boy: Welcome to the club. Mailed our little certificate to Betty and hope all is forgiven by now—Mabel.)

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# HAMBAR

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WANTED: Surplus receiver ARP-5A for 1000 to 3000 MHz. Walt Stock W4HS, 117 N.W. 100th St., Miami Shores, Fla. 33150, PL 4-2995.

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FOR SALE: To settle GI estate. 1952 Collins Signal Corps receiver R-388/URR with manual—.5 to 30 MHz. Ideal for SWL or new ham. Signal Corps tube tester year 1957 in A-1 shape. Check over and make a bid. Walter E. de Banke K4KMP, 1333 S.E. 5th Court, Deerfield, Beach, Fla. 339-0441

A person with a green thumb seldom paints the town red....

FOR SALE: Apache TX-1 with SB-10 SSB adaptor, original owner, hooked up and may be tried on air. Must be picked up \$150.00. R. J. Sweeney W4AJWV, 1555 SW 21st Terr., Ft. Lauderdale, Fla. 58102065.

FOR SALE: Henry 2-K linear new in original crate \$650. Cost over 700 delivered in Miami. Bill Ambrose W4QV, 6840 S.W. 8th Street, Miami 665-3928

FOR SALE: HT-44 and PS-150-120 best offer over \$275.00. Mint condition with original boxes and instruction manuals. Collins 75S3 \$500.00 for both \$750.00. Ray Porter W4OMR, 10201 Dolphin Rd. Miami 33157 Phone 238-6135.

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FOR SALE: Johnson 6 & 2 transmitter HB VFO—6 & 2 meter, HB 120 watt modulator, HB power supply, ameco converter 28 megs, ameco preamp, power supplies all for \$125.00. Floyd W44IXS, Lakeworth, Fla. Phone 965-7260.

THE Hillsborough Amateur Radio Society (HARS) annual Tampa Hamfest will be held on Sunday, October 16, 1966 from 9 a.m. to 4 p.m. at Rowlette Park, Hillsborough River and 22nd St. Free lunch, large swaptable area, free parking, lots of prizes.

Excellent invader transmitter, recently returned from factory with all latest mods, etc. \$285.00. F. Rogers W4TZY, 6985 Malaleuca Rd., Coco Fla. 32922.

FOR SALE: Drake-2B with xtal cal and speaker in mint condx. Cleg 22 two meter transceiver 90 days old. SR-150 transceiver with a.c. supply. BC221 with Cal. book. T/S 174, 20 to 250 mc with cal book. T/S 175, 85 to 1000 mc with cal book. All units in mint condition. Will sell all or part. Gene Starr W4AJDB, 856 Clarke Ave., Eau Gallie, Fla. 254-4421.

WANTED: Crank-up tower 40 feet or more. Ted Tiemeyer W4VBM, 157-20 S.W. 76th Avenue, Miami, Fla. 235-4844.

FOR SALE: GALAXY V transceiver with 100 kc calibr. remote VFO, deluxe accessory console, 110/220 VAC power supply, best offer over \$500.00. Can be heard nightly on 3940. Knight T-60 transmitter for \$30.00. AF-67, PMR8 M1070 combo \$150.00. Plenty of other gear also. Kris Krysiak W4FCP, Box 465, Sebring, Fla. EV 5-7353. All FOB my QTH.

It's good manners that cause a person to wait in silence while the loud-mouth gets the service.

FOR SALE: RTTY REC-30 power supply, heavy duty 110 a.c. in and 110 v.d.c. output. \$5.00. S-40 receiver completely overhauled \$38.00. Gonset 10-11 meter converter \$6.00, complete. 72 ohm coax, like new RG-11-U .06 per foot. Heavy duty TV replacement transformers, chokes, filters up to 4000 volts—what do you need. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166. 888-3874.

There was a time when child psychology grew on bushes.

WANTED: Your traffic reports—large or small—it makes no difference. Let's keep Florida on the top of national traffic standings. W4RKH and K4SJH. QTH listed on page 2.

WANTED: Globe Chief, or Challenger transmitter. E. C. Peckham W4DSD, 1745 NE 49th St. Apt. 111, Ft. Lauderdale, Fla. 564-2055.

W4PJU ELECTRONIC TUBES. 504 E. Osceola, Clewiston, Fla. — 811A \$6.15, 813 \$22.00, 866A \$2.95, 6146A \$3.95, 6146B \$4.85, 6146W \$4.85, 6164W \$5.95, 6X150A \$14.50, 4X150D \$16.50, 4X250B \$29.50, 8122 \$29.50. All prices plus tax and postage.

ANTIQUÉ COLLECTORS: I have a few original Western Electric VT-1 tubes also WE VT-5's. Price \$2.00 each for the VT-1 and \$1.00 each for VT-5's. Please add postage to above prices. Will trade antique items for transmitting tubes. Samkofsky W2YSF, 201 Eastern Parkway, Brooklyn, N.Y. 11238.

FOR SALE: Collins ART-13, unmodified, less 813 and 811's, good condition. \$200.00 f.o.b. St. Pete. Andrew Corporation 35 MC stainless steel and aluminum ground plane with adjustable elements for reaching six meters \$20.00 f.o.b. St. Pete. Andrew Corporation 35MC Aluminum three element beams, two each, with stacking hardware for six elements, vertically polarized. A brute! Element lengths are adjustable. \$20.00 f.o.b. St. Pete. Kenneth G. Kopp, W4HAA, 7415 41st Avenue North, St. Petersburg, Florida. 813-347-2270 week-ends only.

Help a new novice or general get a good rig. Show them this ad. DX-100 perfectoperating condition. Has all factory authorized improvements \$65.00 to crate or \$60.00 pick-up in Lakeland. Alan Biddle W44SCA, University of the South, Seawee, Tenn.

FOR SALE: Heath SB-400 good condition \$200.00. Don Smith, W4CQQ, 5666 Flagstaff Rd., Jacksonville, Fla. 733-4549.

VIKING Valiant II, clean, can be heard. First \$185.00 takes it. Will ship, you pay freight. Al Duarte W44ZST, 907 Lisbon St., Coral Gables, Fla. 33134 Phone 305-445-3397 nights 371-8541 days.

FOR SALE: Johnson matchbox with SWR \$45.00. DX-40, \$40.00. Both in good working order. Extra 6146. E. C. Peckham W4DSD, 1745 NE 49th Street, Apt. 111 Ft. Lauderdale, Fla.

WANTED: Matchbox, Johnson preferred. Your lowest price. R. T. Moody K4AUD, 5415 Columbus Rd. W. Palm Beach, Fla. 33405. Phone 585-2183.

FOR SALE: Hallicrafter SR-150 with MR-150 mount both power supplies, new Webster Band Spanner, everything in excellent condition. \$500.00 or trade for good Volkswagen. Bring pick up truck and get room full of surplus Temco KW, BC-312, boxes of parts 500 lbs of transformers, work bench, all good stuff no junk \$100.00. Russ Olmsted K4UJZ, 1548 N.W. 15th Ave., Ft. Lauderdale, Fla. JA 2-5820.

FOR SALE: Collins 75A4 receiver, serial 2521. Good condition, few scratches with speaker, one filter and manual. No ship but will deliver within 100 miles. \$295.00. K. G. Boso K4PYV, #17, 2123 North U.S. Hwy 1, Titusville, Fla. 32780.

FOR SALE: Gonset communicator III for 6 meters 110/12/6 volt supplies \$150.00 or trade for HW-12 with DC supply. John Deegan W44QLZ, USAF Box 412, Tampa, Fla. 33620 Phone 988-4131 ext 2317.

MOVING to Washington DC. Must sell 70 foot crank-up tilt-over E-Z way tower, grounded to water table. Also 36 foot pole in back yard, and other equipment, with 3 bedrooms, 2 bath house on acre. Ideal ham location. This is a deal for any ham who wants to buy or lease a home in Miami. For more details contact Frank Kohout W4WMB, 14920 SW 74th Ave., Miami, Phone (305) 235-4337.

FOR SALE: BC221B freq meter, 110 vac supply \$50.00. BC-221 meter, 110 vac supply. \$45.00. Heath Signal Generator with meter LG-1 \$15. Heath Grid Dip meter 7 coils \$12.00. Heath HO-13 ham scan new \$70.00. Millin R-94 with 6 and 20 meter coils \$15.00. Norelco 100 tape recorder \$30.00. Philip J. Craig K4CRU, 2044 Harrison Corner S. 21st Ave., Hollywood, Fla. 983-4536.

FOR SALE: Johnson mobile transmitter and VFO, needs cover and power supply -- will swap for SX-140, 6N2 converter or what have you? R. J. Liverlinis W44EJP, 17131 N.W. 46th Ave., Coral City, Fla. 33054

FOR SALE: Drake TR-4, AC-3 & MS-4, top shape \$550.00. HY-Gain 18HT Hy-tower \$75.00 Want Astatic D-10 with Stand. John McIntire W44LVW, 3215 San Mateo St., Clearwater, Fla. 726-3448.

FOR SALE: HT-37 xmtr with matching HT-41 linear, linear has new power amplifier tubes (7094s) and new high voltage rectifier tubes, both for \$450.00. SX-99 rcvr with Heath Q-Multiplier, \$75.00. NC-183 rcvr, like new \$60.00. Manuals for all. Reasonable offers considered. John Attaway K4HIF, P.O. Box 205, Winter Haven, Fla. 33881.

FOR SALE: Thunderbolt Johnson with new 4-400's, make offer. RME DB 22A preselector \$23.00. Geloso VFO, brand new \$10.00. Pierson KE-93 receiver with ac/dc supply excellent condition \$50.00. Heathkit BG-1A AM tuner \$10.00. Clock for HQ series receiver \$5.00. EICO 5 inch scope model 425 \$25.00. AVT 112A aircraft transmitter for 80 and 40 meters with vibrator power supply \$15.00. Max Holland W4MEA, 2610 Country Club Prado, Coral Gables, Fla. 33134.

## FACTS

Facts are probabilities which we trust until new data arrives. Let's be careful in dealing with others to avoid implying that we have cornered even an insignificant part of the truth market.



WANTED: Assistant to Editor, male or female, Miami area only. Contact Editor for details.

## MARS

(Continued from Page 5)

arresters for distribution.

If you like this column, tell us. If not, tell Andy.

Word has been received that the A4ZXI shindig has been rescheduled for October 23rd.

How come we got so many 6SN7 tubes in goody boxes? Who goofed in the purchasing department? Mebbe "Droop Earson" would like to make another of his "inquiries!"

The Florida Two procedure director stirred up quite a ruckus on the "September Morn" Alfa net regarding MARS EXERCISE messages. Seems he forgot to turn his calendar. See what those durn ARC 3 rigs can do for a feller!

Well, it seems our Hopes were well founded. Faith, up to this writing at least, had decided to treat us Charitably and veer off tuther direction. Dems de kind o'gals we don't mind. How we hate those that want to come up our alley!

Tuther nite this writer was requested to take over NCS of the Hotel net - you know - the late, late show. Hearing Sue, AA4BDF, and her OM, AA4-QOJ, seems to make it really worthwhile. Glad to hear from the pan-handle.

You perhaps have heard a plenty about summer repeats on TV. Well, the boss man would like to see more repeats from some of you on MARS nets; especially now that vacation season is over.

This writer attended the press conference held in Vero recently by one of the candidates for Governor. We sure hope that whoever wins will give us all we want without having to pay for it!

### SPEECH BLOTS

HAD OF. Since the preposition of is never part of a verb, such expressions as had of knows and had of gone are incorrect. When bad enunciation changes of to uh, the error is further compounded, as in, "I wish I had ug gone." Omit of or uh and say, "I wish I had gone."

## ST. JOHNS COUNTY

St. Augustine, May 7, 1966. Early on Saturday afternoon EC of St. John's County received two messages from other units of the AREC. A planned link-up with Duval County failed to materialize, so further relay was impossible. Though

16 FLORIDA SKIP, October 1966

## WAR DEPARTMENT Office of the CHIEF SIGNAL OFFICER WASHINGTON

August 7, 1925

Mr. Hiram Percy Maxim, President  
American Radio Relay League  
Hartford, Connecticut

Dear Mr. Maxim:

There is attached hereto a plan for the affiliation of the Signal Corps with the transmitting radio amateurs of the United States. It contains the basic features discussed by your representatives and the representatives of this office at the conference held in March of this year.

The Chief Signal Officer has been authorized by the War Department to communicate this plan to the officials of the American Radio Relay League under the approval of the War Department. Upon notification from the officials of the League that its reception by members justifies placing the plan in operation, the Chief Signal Officer has been directed to submit the entire plan to the War Department for approval and transmission to corps area commanders.

The American Radio Relay League is, in the opinion of this office, fitted to serve as the representative of the transmitting radio amateurs of the country. This opinion seems to be well substantiated by the fact, in the past, the officials of the League have acted as the representatives of the transmitting amateurs at various conferences held by other departments of the federal Government. The Signal Corps also appreciates the splendid spirit of cooperation shown by the officials of the League in working out the details of this plan.

It is, therefore, with great pleasure that I inform you that the American Radio Relay League will be requested to act as the representatives of the transmitting radio amateurs of the country, provided the response received from the amateurs upon publication of this plan is such as to warrant the final adoption of it by the War Department.

The Signal Corps fully appreciates the magnitude of this undertaking. It cannot be accomplished in a few weeks or months. By careful, considerate cooperation, on the part of the Signal Corps and these amateurs this plan should in a year or so provide the United States with a vast number of radio operators or potential value to their communities and the nation in an emergency.

It is confidently believed that this plan is beneficial to both the Signal Corps and the transmitting radio amateur. The amateurs participation in it will be concrete and positive answer to those who question his right to continue to exist as such.

Hoping that the response of the amateurs to this plan is such as to warrant its final adoption, I am,

Yours sincerely,  
(signed) C. McK. SALTZMAN  
Major General,  
Chief Signal Officer of the Army

(QST Oct. 1925 page 22 A.R.R.L. Promotes Plan for Cooperation Between the Signal Corps and Transmitting Amateurs.)

(From W4FP/A4FP, Lakeland, Fla. for SKIP)

three stations seemed like a small turn-out, this represents 75% turn-out of emergency powered stations in the county. Those participating were Judson West, W4UHC; Bill Baker, K4NSG; and EC Joe Albrecht, WA4EYY.

### SUNDAY CAT CALLS

Sunday afternoons, 3940 kHz as 5:00 PM EST approaches - noises that sound like a bunch of cats quarreling over a fish head.

ONYX

## HAMMY HAMS

(Continued from Page 1)

years ago for showing on TV today. Immediately following the transitory period of spark to audion tube and the shifting of 200 meter operation to 80 and higher frequencies the majority of phone operators took advantage of laxity in the radio laws. Each amateur station became a broadcast studio complete with chimes, cow bells and other musical effects, preceeding the grandiose announcement of call letters. One such New Jersey station took advantage of his phonetic call letters of "Fire Inspector" and appropriately utilized a fire siren for background.

The hammier days of ham radio may be relegated to the wave lengths of memory but occasionally a budding thespian mixes his sugar cured efforts with amateur radio and the results invariably set the hobby back some years. However, once in a while, some talented ham provides a kilowatt of laughs with a characterization strictly for kilocycle consumption. Such an operator was a California 10 meter phone man whose signal covered (and I do mean covered) the Eastern Seaboard some 15 years ago. The West Coast operator assumed the voice and home-spun philosophy of a typical regional egg farmer who "operated from the hen-house." This proved somewhat of a handicap, the character often said "as the hens insisted on laying their eggs in the gooseneck speaker." It was later learned that the W6 ham was a radio and stage character actor who successfully blended his vocation with his advocacy.

Even today the State of California provides unique and valuable ham operators. Take a listen on 20 meters some morning for W6SUP of Roseville, who is the modern day breezy-type operator who is forever praising his city and often comes out with a quip like this -- "Well, gotta QRT now as I have a breakfast date with a beautiful married woman." And he sighs suggestively. But don't get the wrong idea as he is Robert Metke, a police sergeant and a highly respected member of Roseville community.

### NOTICE

A.R.P.S.C. NET  
Each Thursday  
8:00 P.M. on 3950 DKHZ